

# IF850B 100% Solid Grade Thermoplastic Acrylic Resin

## Introduction

LG MMA Corp. produces a wide range of acrylic coating resins based on its unique polymerization technology.

LG MMA's IF850B/IH830B/EG920B are 100% methacrylic resin products with excellent weathering resistance, discoloration resistance, transparency, gloss, scratch resistance and solvent resistance. In general, they can be used with other additives in gravure ink, plastic coating and printing ink.

They are soluble in various solvents including aromatic, ester and ketone groups.

## Typical Application

- ☐ Protective coating for plastics
- ☐ Printing ink
- ☐ PVC finishes

## Physical Properties

Appearance	Powder
Solid content, mass %	100
Molecular weight (Mw, ave.)	103,000
Density @ 25°C, kg/liter	1.19
Brookfield viscosity at 23°C, cPs (30% solution in MEK)	260
Glass transition temperature (°C)	96
Acid value (mg KOH/g)	<1

REMARKS : The listed values should be used for reference purpose only.

## Contact

27F, ONE IFC, 10, Gukjegeumyung-ro, Yeongdeungpo-gu, Seoul, Korea

TEL : +82-2-6930-3886/ Fax : +82-2-6930-3802

[www.lgmma.com](http://www.lgmma.com)